Views and the View Hierarchy

A view hierarchy defines the relationship of view in a window to each other. Every application has a single instance of UIWindow that serves as the container for all the views in the application. The window is created when the application launches. Once the window is created, you can add other views to it.

When a view is added to the window, it is said to be a sub view of the window. Views that are sub views of the window can also have sub views, and the result is a hierarchy of view objects with the window at its root.

Segmented Control

Text field

Dark Picker

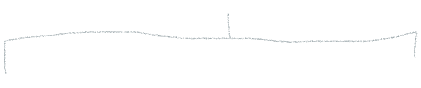
Bar Item

Bar Item

View

Toolbar

Window



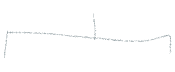
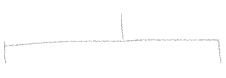




Fig: Example of view hierarchy in OS.

Why we use API in android? Provided that SQLite database name “Hospital” with table name “doctor” with the following columns:

(Did ad Integer, DName a Text, and Specialization as Text, and Experience as Real)

Develop an android application to connect database and insert record of doctor and display the doctor information whose experience is less than 5.5 years.